The Digital Audio Processing Lab at IIT Bombay is on the lookout for a Full Stack Web developer for the translation processes of their speech and music research to applications. The details of ongoing projects can be found here: https://www.ee.iitb.ac.in/student/~daplab/

Responsibilities will include:
- Design and develop scalable client-facing web applications
- Translate UI/UX design wireframes into actual code
- Develop and manage well-functioning databases and applications
- Design and develop secure REST APIs
- Testing, bug fixing and optimizing application performance
- Collaboration with the Cross-platform application team to design and develop new features

Essential experience and skills:
- B.Tech. or equivalent degree
- Familiarity with common stacks
- Knowledge of front-end languages (e.g. HTML, CSS, XML, JavaScript) and at least one of the following frameworks (Angular/React Library/Vue)
- Knowledge of at least one of the following back-end languages (e.g. C#, Java, Python, Node.js)
- Familiarity with databases (e.g. MySQL), web servers (e.g. Apache)
- Experience with at least one of the following cloud-based platforms and services such as Amazon Web Services, Microsoft Azure and Google Cloud Platform.
- Working knowledge of Git version control system & package managers like npm
- Excellent problem solving and communication skills
- Can work independently with minimal guidance and supervision

Good to have:
- Course-work/Experience in speech or natural language processing

Interested applicants can forward their resume with the subject Line "**Full Stack Web Developer Application**" to prosical.iitb@gmail.com

Additional Details:

The Digital Audio Processing lab is a research lab in the Dept. of Electrical Engg. at IIT Bombay dedicated to research in speech and audio processing that also involves IIT Bombay M.Tech. and Ph.D. students. Research projects include music content analysis and retrieval, speech enhancement and speech recognition. The lab has previously achieved the successful translation of research into products. For more details, visit the following link: https://www.ee.iitb.ac.in/course/~daplab/